

## ABSTRACT

A controlling device for operating a PC and one or more home appliances. The described controlling device has integrated mouse and remote control functions, and may be configured to automatically detect whether the controlling device is being used as a  
5 mouse or as a remote control. For effective operation in both control modes, the controlling device includes both RF and IR transmitters, and is configured to transition between these transmission mediums based on the detection of whether the controlling device is being used as a mouse or as a remote control.